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[ CLAIMS ]

What is claimed is:

1. An isolated nucleic acid molecule which selectively hybridizes to a nucleic acid molecule having the complementary sequence of the nucleotide sequence of SEQ ID NO: 2 or SEQ ID NO: 4, or a complement of said nucleic acid molecule.

2. An isolated nucleic acid molecule which selectively hybridizes to DNA having the sequence of SEQ ID NO: 2 or SEQ ID NO: 4 and which encodes a polypeptide which binds to hTNF $\alpha$ .

3. An isolated nucleic acid molecule which encodes a polypeptide which binds to hTNF $\alpha$ , wherein said nucleic acid molecule hybridizes under conditions of moderate stringency to a nucleic acid molecule having the complementary sequence of the nucleotide sequence of SEQ ID NO: 2 or SEQ ID NO: 4, or a complement of said isolated nucleic acid molecule.

4. An isolated nucleic acid molecule comprising the nucleic acid sequence of SEQ ID NO: 2 or SEQ ID NO: 4.

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5. An isolated nucleic acid molecule encoding a polypeptide comprising the amino acid sequence of SEQ ID NO: 3 or SEQ ID NO: 5, or a fragment or derivative thereof, wherein said polypeptide binds hTNF $\alpha$ , or a complement of said isolated nucleic acid molecule.

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KAC 6. An isolated nucleic acid molecule which encodes a polypeptide comprising the amino acid sequence of SEQ ID NO: 3 or SEQ ID NO: 5.

10 7. An isolated nucleic acid molecule comprising a sequence selected from the group consisting of:  
a) SEQ ID NO: 2;  
b) the complementary strand of SEQ ID NO: 2;  
c) DNA sequences that specifically hybridize to SEQ ID NO: 2; and  
d) RNA sequences transcribed from the sequences of a), b), or c).

8. An isolated nucleic acid molecule comprising a sequence selected from the group consisting of:

20 a) SEQ ID NO: 4;  
b) the complementary strand of SEQ ID NO: 4;  
c) DNA sequences that specifically hybridize to SEQ ID NO: 4; and  
d) RNA sequences transcribed from the sequences of a), b), or c).

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9. An expression vector comprising the nucleic acid molecule according to Claim 1.

10. An expression vector comprising the nucleic acid  
5 molecule according to Claim 2.

11. An expression vector comprising the nucleic acid molecule according to Claim 3.

~~KAC 3.~~ 12. An expression vector comprising the nucleic acid molecule according to Claim 4.

10 13. An expression vector comprising the nucleic acid molecule according to Claim 5.

~~KAC 4.~~ 14. An expression vector comprising the nucleic acid molecule according to Claim 6.

15. An expression vector comprising the nucleic acid  
15 molecule according to Claim 7.

16. An expression vector comprising the nucleic acid molecule according to Claim 8.

~~Silv.~~ 17. A method of manufacturing a polypeptide comprising the amino acid sequence selected from the group consisting of SEQ ID NO: 3 and SEQ ID NO: 5 or a fragment or derivative thereof wherein said polypeptide binds to

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hTNF $\alpha$  comprising the steps of expressing said polypeptide in a recombinant host cell which comprises a nucleic acid molecule which encodes said polypeptide operably linked to a promoter sequence.

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